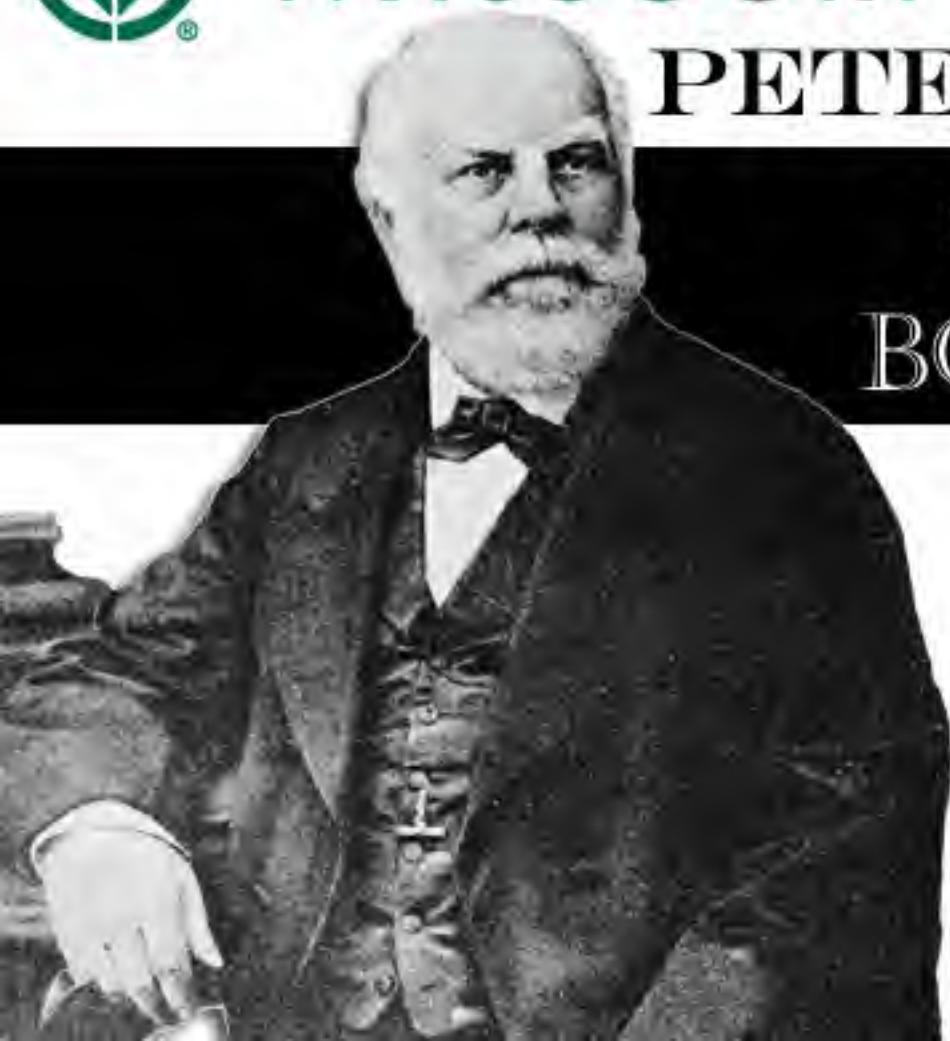




MISSOURI BO PETER H.

GEORGE
BOTANICAL



*Since 1859
page
online
number*

Euph. divisa
Mox. 100, Aschenborn
- herb. reg. Bonati



var. 52

view from behind.

style simple, ovules anum?
ovule prominent; pubescent on
petioles
flwr oblique, ovules, glabrous
oblongi subrotundis!
top & invol. pubescent
bracts ciliatae spathulatis

This is L.

Schemer



0 1 2 3 4 5 6 7 8 9 10

cm

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cm

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31-a

Euphrasia

31 Siberian Nardoo



Same number
- other herb is
E. orthocarpus

anterior glads very small,
inappreciable - post. in
winged etc

style whitish at base
cifid at apex

leaves obliqu., smooth both
sides - serrulate



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cm

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0 1 2 3 4 5 6 7 8 9 10

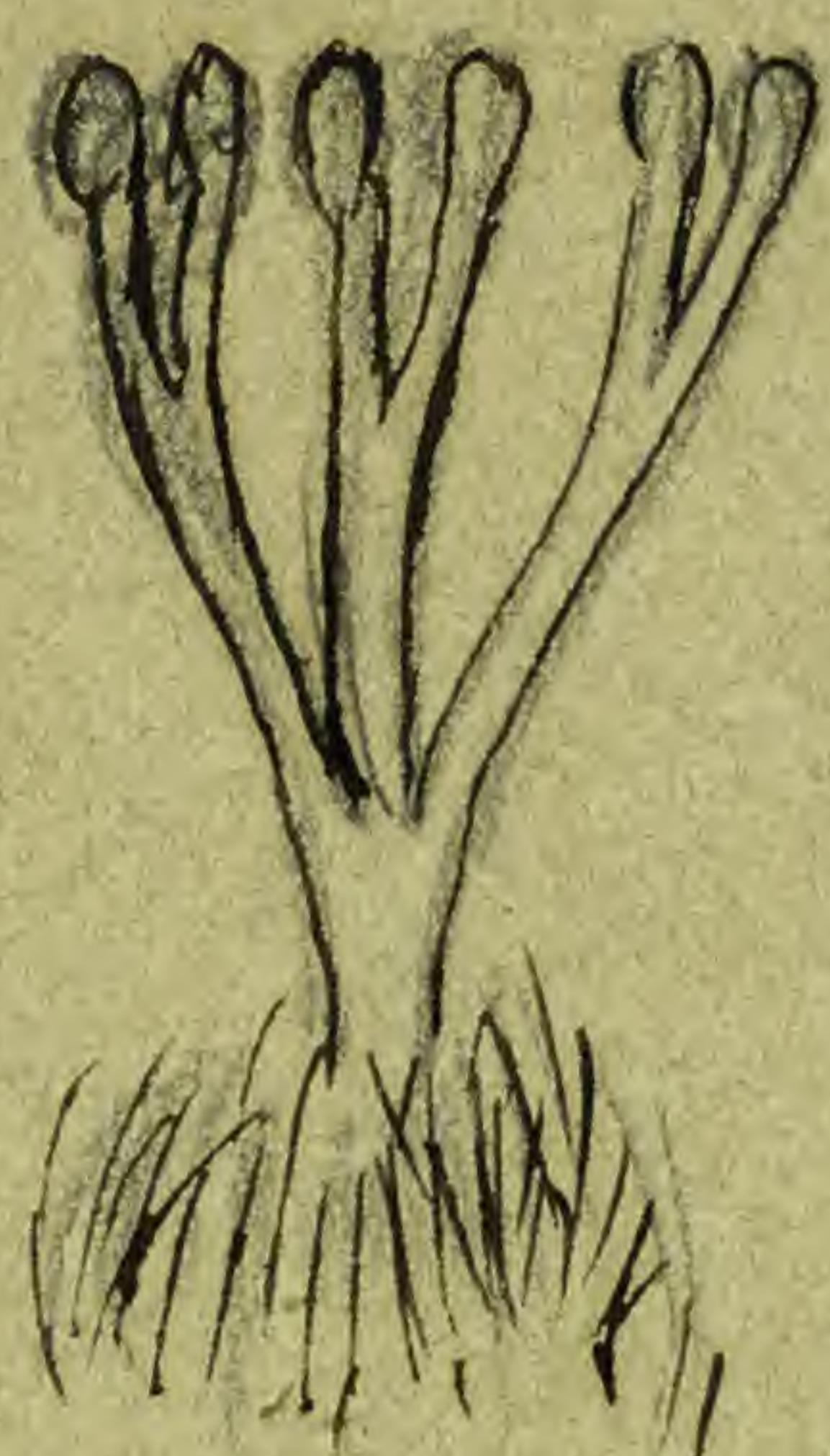
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31.2

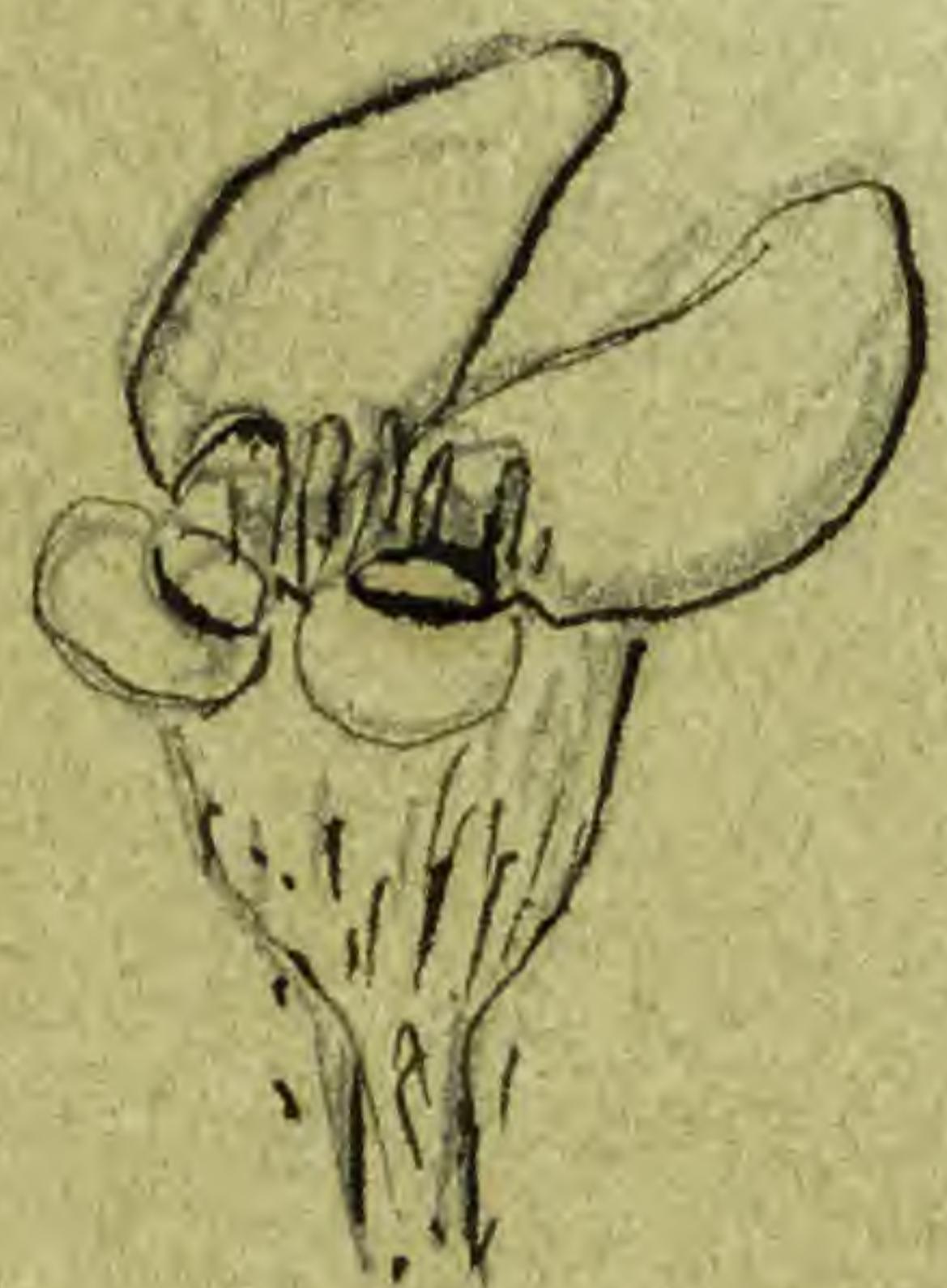
E. doriva

Pet. 0.35-0.4

Euphrasia of Mexico "

"

Ex herb. gen. Paris.

plante non droide; sub fl. masculi
racem (sub 5)*E. doriva HBK*Bonpland's own specimen
in herb. gen. Paris6-10 mm flowers but
no trace of a female
flower; about 10 in when
examined.anthers abt 0.4 long without
the wings

0 1 2 3 4 5 6 7 8 9 10

cm

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cm

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31



Ceph. davis

~~the~~ measured.

N. 9290 Her. Herilld.

sub. nov.

"Emuliflorum"

as well the original
Hamelia specie

Flowers larger pubescent
 ovate seminari
 anthers



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cm

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cm

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GARDEN

31a

E. dipteronugamostyla

= megs



Blodgett. in herb

Key work

Tow

Corm

Infruct. canescens pubesc.

Folia 4 bas. ^{margin} ~~margin~~ valde oblong.

ordata late ovata,

obtusis crenatis

Stipulis subulatis linearis

fibrosatis

Pedicellos ^{hispida} canescens. 6.Gibbos. late ^{abb} margin. netis

Margin. posteris

nullo marginatis

(crenatis)

stylos bas. crenatis $\frac{1}{3}$ ov. $\frac{1}{2}$ Dorsi. stylos

stylos




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cm

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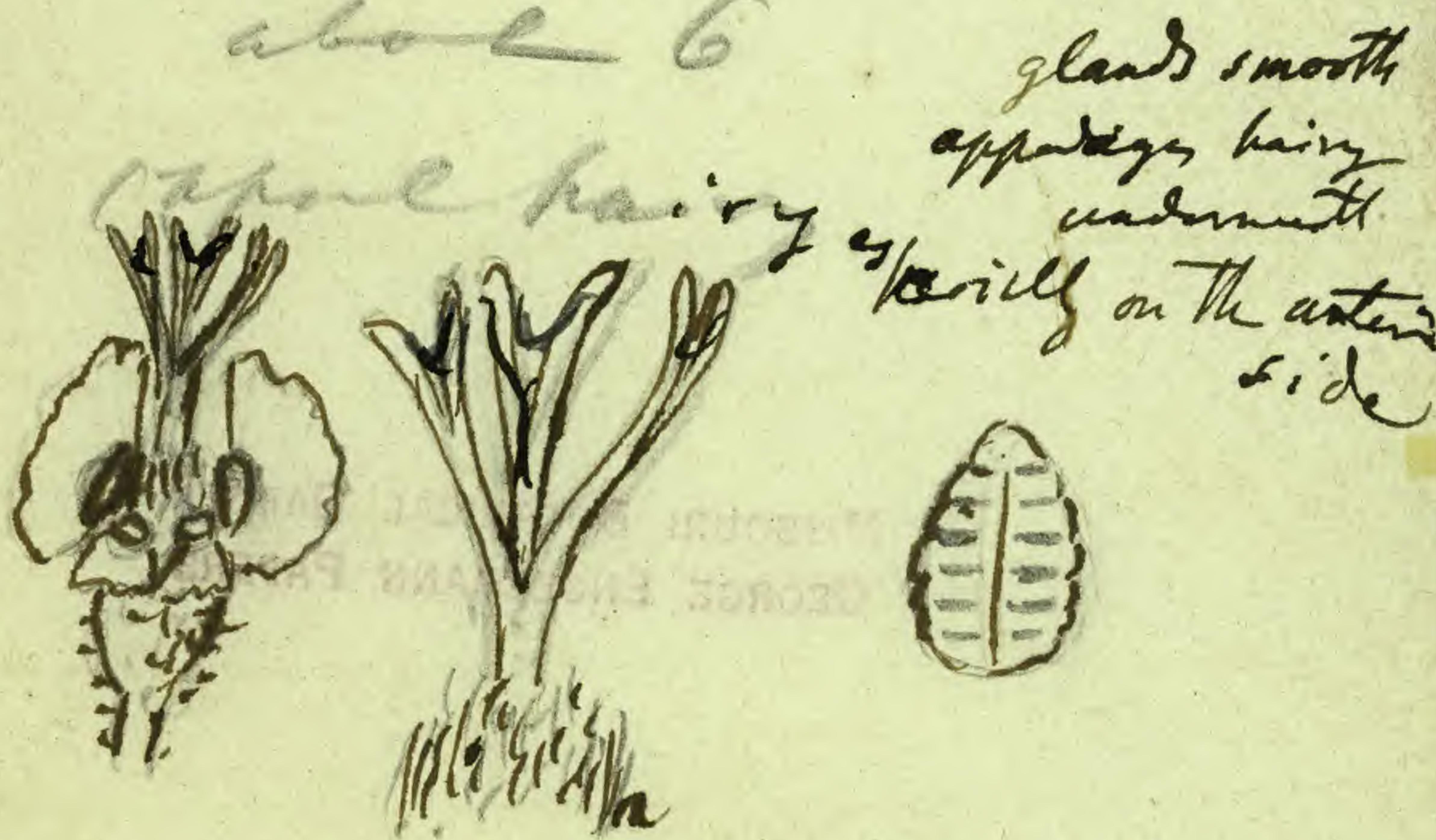
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36. a.

Gray 862

E. dipteron gamostyliaSeed 0.45×0.3 = aneps
Dentovate sharp angled
with strong cross groove

about 6



flowers double,
 fleshy - base oblong
 condita outer r. oblong,
 inner r. oblong in utr. zone
 asperis
 style appendage -
 style with short divisions




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cm

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cm

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31, β 8/2 Gray 8/2 E. tip on fristling
Leaves about angled, ~~ross~~
furred, furrow about
6; angles entire ^{or very slightly} with
 $0.4-0.75 \times 0.55$
 $0.45-0.55$
Cepse hairy obtuse angled



Densely covered - fine thick
(as pencil) with leaves
1-1 1/2" uppermost spathulate
second = Wrights pink
but stigma !! elongate
deeply bifid.

9/2/19




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cm

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0 1 2 3 4 5 6 7 8 9 10
cm

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GARDEN

318



E. digitatum
var.

Constance 11447, (c) ^{pink}

Flowers pink
2nd year in flower,
only 0.3 —
stiles with 2 heads!
Appendages much fringed



0 1 2 3 4 5 6 7 8 9 10
cm

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Engelmann 37000
above surface
in soil
very fragrant
in soil



0 1 2 3 4 5 6 7 8 9 10
cm

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31.8

E. Drapetocarce

bulbous decumbens pubesc.
 foliis & basi oblique conditi
 ovatis s. subovatis squalidis
 supra glabris subtus pilosis
 glauca pumilio latitud.
 stip. subulatis pilosis
 & theca s. hood glabris
 Dorsa fissis glabris pinnatis
 que portentur s. nunc longis
 cibis inaequaliter aereformatis
 stylis filiformis s. adhuc
 ovum canorum s. aequaliter
 rapido probrundens
 se — angusti aente
 renata angustata s. nunc
 profunda s. transversa
 excavata.



0 1 2 3 4 5 6 7 8 9 10
cm

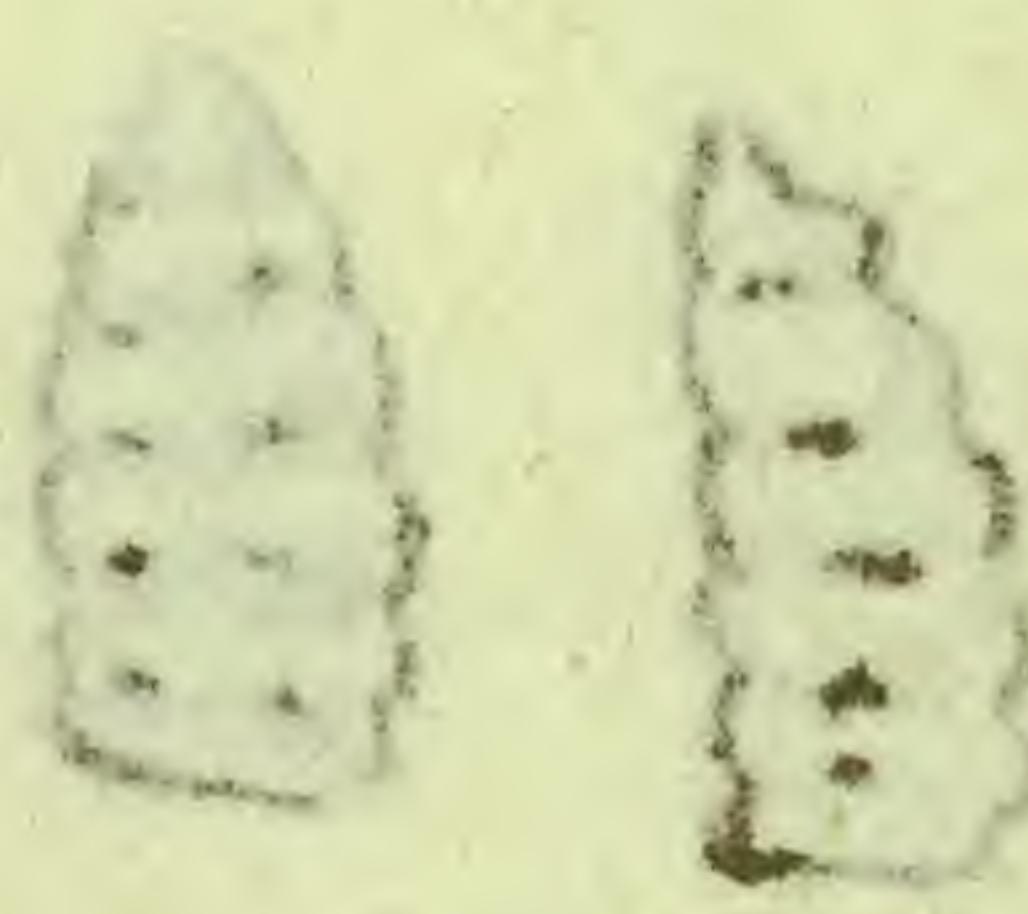
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7169

3.18



2181-4-10



0 1 2 3 4 5 6 7 8 9 10

cm

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GARDEN

316.

Euph. densiflora Klug
A. densiflora Klug. p. 28 " in 6. 389 "
 Mexico, Schiede & Chorley



I am not fit to cultivate.

annua, erecto-patula, rameles
 bifariae pilosae, ramentis
 foliis ovatis ^{oblongo-ovalis} crenatis, serratis, pilosulis
 t. nudis;
 antodiois in glomeris spiciformes
 laterales, bracteis ciliatis stipitatis
 aristatis confertis
 involucris donee profide froris,
 5 parvulis, lobis antarum vel triangularibus
 2 posteris vel glandulis 2 bilobatis
 elongatis gerantibus, vellosas,
 appressis, pilosae, alaeformes denticulatis
 stylis $\frac{1}{3}$ bifidi, basi ornatis
 ovario longioribus;
 capsule posteriori adpresso pubens, outside



0 1
cm

2 3 4 5 6 7 8 9 10

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GARDEN

varius involucr. capitate
r. los, r. r. !

several 0.4 logij. ovulis
angulis antis integris; probably
profund transversi ex ante;

7170

near diva — distinct by
the shape of the seeds & by
having only 2 wings glands
with wings also hairy!
flowers still more clustered.
seeds broader, edges entire
but perhaps only a variety!

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0
cm

1 2 3 4 5 6 7 8 9 10

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GARDEN

W.251 Crandall

Feb 1861

x 20



0
cm

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GARDEN

M. W. ALEXANDER,

SOUTH-EAST CORNER OF FOURTH AND MARKET STREETS,
ST. LOUIS.

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7171



0

1

2

3

4

5

6

7

8

9

10

cm


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N^o 251 Ewendberg leg. 1858. Mex. n.
= *St. dasyiflorum* Kl v Grise p. 28. n. n. Huasteca

Feb 86,



0 1 2 3 4 5 6 7 8 9 10
cm

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SOUTH-EAST CORNER OF FOURTH AND MARKET STREETS,
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0
cm

1 2 3 4 5 6 7 8 9 10

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GARDEN

167

3156

Euph. tettens is Kl. ! in

Peters Reisen

Mozambique

601



0 1 2 3 4 5 6 7 8 9 10
cm

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GARDEN

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0 1 2 3 4 5 6 7 8 9 10
cm

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GARDEN

31.6.

ad integrifl. *E. fellensii* Kl.

Peter Reise, Mozambique.



stillos a
fol. integrifl.
appr. 1/2 in
sem fructuosa foliata.

aff. involucellata sed foliata



0 1 2 3 4 5 6 7 8 9 10

cm

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cm

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GARDEN

168

245

Cyath. rosea Rebz
satis roridus Lam. Dist.

Lam. or.
Ceylon

602-4



0
cm

1 2 3 4 5 6 7 8 9 10

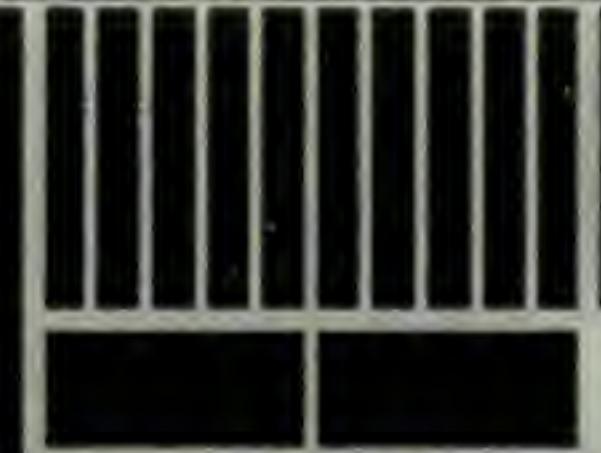
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0 1 2 3 4 5 6 7 8 9 10
cm

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GARDEN

168

28. 27

29
"

= rosea
seeds
Mexican *Euphorbia scabrella*
" sp
Madras 1835. Jard. on.
in the desert. J. Campbell



Difesa glabra var. *scabrella*
 versus apica pubescens
 foliis oblongis lato oblongo - lanceo-
 bus acute acutis, versus apica
 rotundato - rotundatis superglabris
 rotundis scabrid - punctatis
 stipulis ovato - trianguatis
 fimbriatis
 glomeris lateralis densifloris
 anthers scabellis glabris
 undis s. i. anthers paucis
 (centrilibus, prima evolutis 3)
 late alba - appressedatis
 filientis defloratis exsertis
 stylis elongatis ad und. bifidis
 ramis divaricatis



0
cm

1 2 3 4 5 6 7 8 9 10

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GARDEN

7612
pappulæ angulæ aucti
pakenhæ
Scutellæ pappiæ rotæ
obtusæ angulæ laeviæ

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0
cm

1 2 3 4 5 6 7 8 9 10

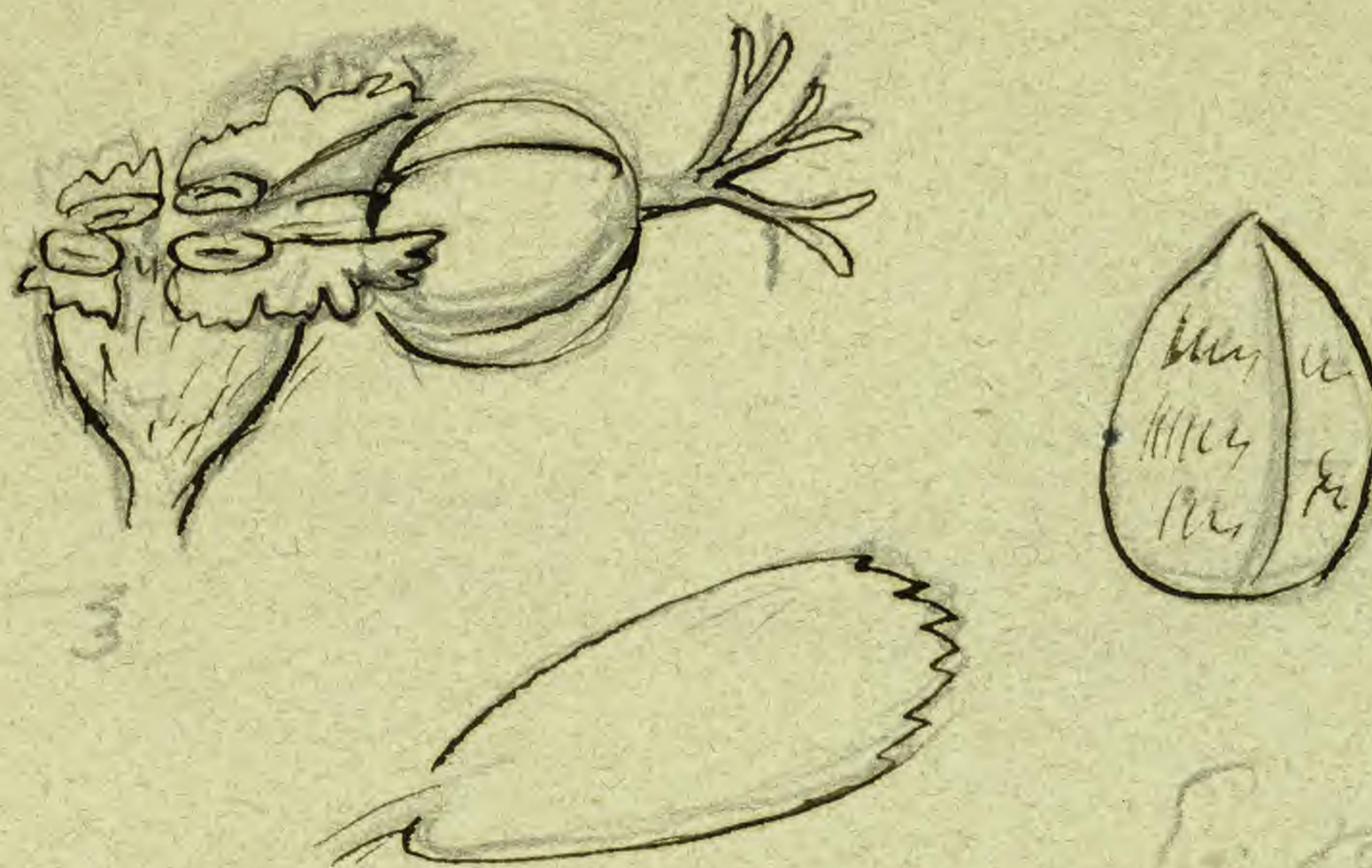
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24.6

Josée Rey



annual, pubescent, glabrous and
pubescent, pubescens
sub pubescens

whole difference is in the
venate wings!

not all the flowers have
the large wings! it seems
that the later ones have more
equally appressed glab

manifestly sessile like Chamaea
fl. glomerata and of Hamby
(Mueller)



0 1 2 3 4 5 6 7 8 9 10
cm

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0 1 2 3 4 5 6 7 8 9 10
cm

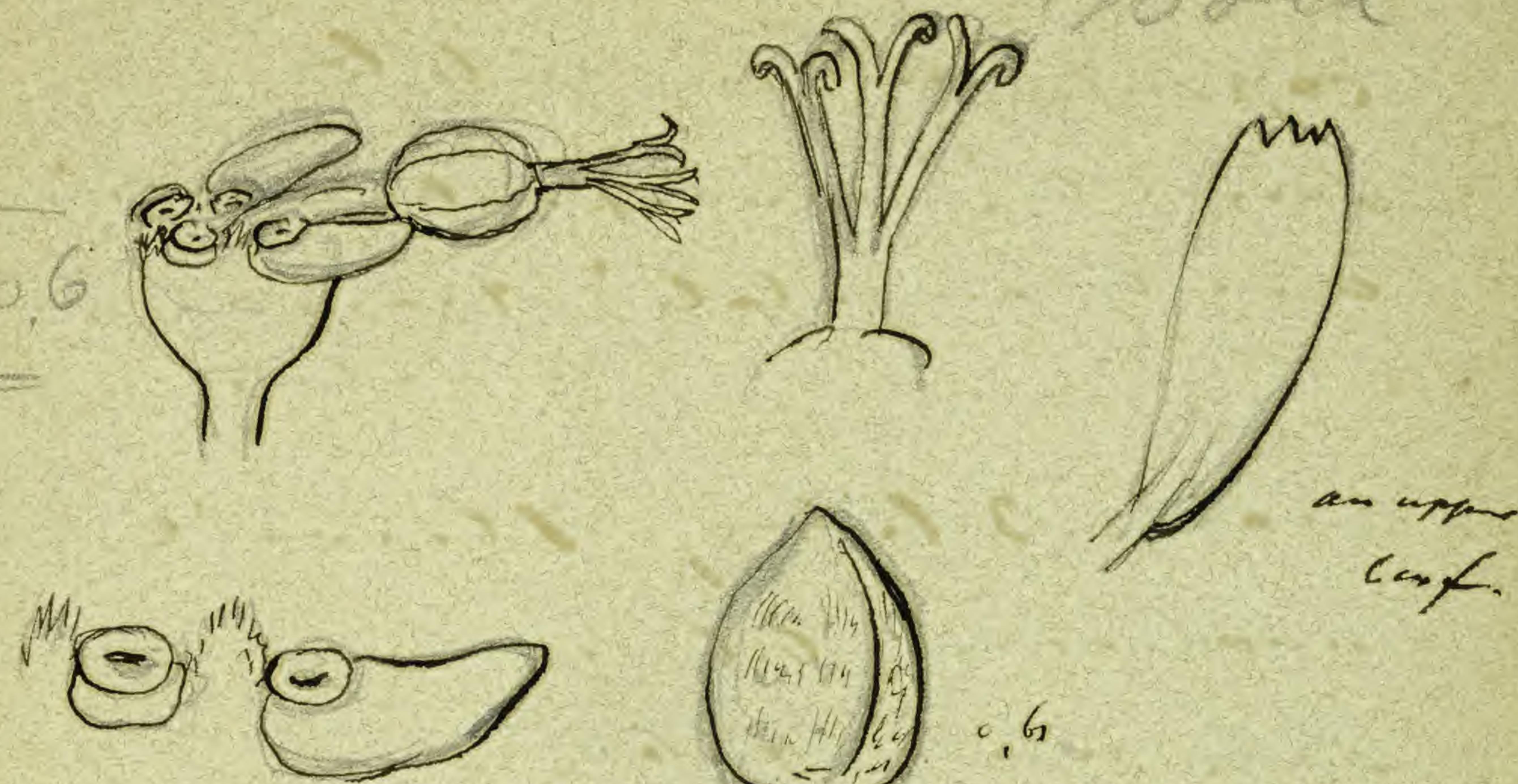
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246

7080



10.6 mm

P. rosea

Tr. ex.

H. B. Bent

annua patula glabrescens
~~rapax~~ ^{sub} ~~infundibulifolia~~ ~~plena~~ ~~perenne~~
~~foliis 14-16 mm~~ ¹⁴⁻¹⁶ ~~pubescens~~

foliis connatis apice truncatis
 dentatis. truncatis
 stipulis ovatis viliatis: finis

anthos ad apices ciliis raro
 (per glomeratis) - subangulis

involucris cappa involucris
 glandulis ^{stellatis} ^{glandulis} ciliatis
 glandulis anteriores angustiori
 marginatis, posteriores long
 late macrouritis alato appressedo
 lati (appressedo posteri prodrata)
 stylis apice bifidis bivalvatis
 exsertis ovario longioribus



0
cm

1 2 3 4 5 6 7 8 9 10

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capsula obtusa angulata
 semina ^{late} ovata subglobose
 exserta angulata transversa
 undulata;
 leaves 2 l. long, 1 l. wide
 involucrum 0.6 l. long,
 style remarkable
 seed 0.6 l. long, very broad.

Compania

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0
cm

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PENTSTEMON.

Species.

	à Stück M. Pf.		à Stück M. Pf.		à Stück M. Pf.
Cobaea	— 60	latifolius	— 60	Scouleri	— 75
crispus	— 60	ovatus	— 60	species nova (Californien) . .	1 50
digitalis	— 60	Palmeri	3 —	speciosus	1 50
» fl. albo	— 75	perfoliatus	— 60	spectabilis	1 50
glaber	— 75	procerus	— 60	Torreya	— 75
glandulosus	— 75	pubescens	— 60	tristis	— 60
gracilis	— 60	pulchellus coccineus	— 60	verticillatus	— 60
				Wrighti	1 50

Garten-Hybriden und Varietäten.

Neuheiten.

No.	No.
106 Barthélemy St.-Hilaire (Lem.), kirschroth mit weissem Schlund, Blume sehr gross, aufrecht.	105 Hannibal (Dem.), dunkelpurpur mit weissem Schlund.
107 Brennus (Gerb.), violett, Schlund weiss mit purpur gestrichelt.	112 Junius Brutus (Lem.), dunkelviolett, Schlund weiss, violett geadert.
103 Burke (Lem.), brillantröth, Schlund weiss gestrichelt, sehr gross.	113 La Suisse (Lem.), violett, Schlund weiss, Blume aufrecht, Wuchs zwergartig.
109 Colonel Lewal (Lem.), amaranthviolett, Schlund weiss mit purpur Adern.	114 Manzoni (Lem.), rosalachsartig und weiss, purpur getigert.
110 Drapeau national (Lem.), hellviolett mit weissem Schlund.	115 Mirabeau (Lem.), hellroth mit weissem Schlund, sehr gross.
111 Garnier-Pagès (Lem.), lebhaft zinnoberroth, Schlund weiss gestrichelt.	116 M. Lemarquis (Bert.), carminrosa, Schlund purpur marmorirt.
	117 Ratazzi (Lem.), kirschrosa, Schlund orange gefleckt.

Vorstehende Sorten einzeln à 1,50 M.
12 " " unserer Wahl 12,00 "

Von Anfang Mai ab in jungen Exemplaren zum halben Preis.

No.	No.	No.
1 Anaïs.	17 gloxiniaeflorus.	9 Linné.
10 Chr. Klein.	3 Hazaël.	29 magnificus.
11 coccineus magnificus.	20 intermedium.	32 Marquise d' Hanville.
12 Comte de Lambertye.	21 Jeanne d' Arc.	35 Mons. de Parpart.
13 Cyrus, purpurviolett.	4 Lafontaine.	34 " Memminger.
2 Forester.	7 Le Pyrée.	26 Zampa.

Einzelne Sorten nach Wahl des Bestellers 60 Pf.
12 " " unserer Wahl 4,50 M.
Abgebar von Anfang Mai ab.

PHLOX.

Phlox decussata et omniflora.

Neuheiten.

No.	M. Pf.
150 Boule de feu, durch sein leuchtendes Colorit und die Grösse der Blumen wohl der hervorragendste Phlox	à Stück 3 — Stecklingspflanzen vom Mai ab à " 1 20

No.	No.
133 Amalthea (Dem.), weiss mit rosacarmen Auge.	141 Marie de Montesquieu (B.), weiss mit rosa gestreift und gefleckt.
134 Berenice (—), weiss mit rosa schattirt, grosses lebhaftes carmin Auge.	142 M. Christophe (L.), purpurviolett.
135 Croix d'honneur (Chr.), malvenrosa mit weiss gestreift und gerändert.	143 Phocion (M.), lillarosa mit carmin Auge.
136 Gedeon (Bert.), lachsrosa mit lebhaft kirschrothem Auge.	144 Ponsard (L.), dunkelrosa mit carmin Auge.
137 Indépendance (L.), zwergartig, reinweiss.	145 Robinson (B.), rosa mit carmin Schattirung, zwergartig.
138 La Perle (B.), halbhoch, reinweiss.	146 Rubens (D.), lebhaftrosa, carmin Auge.
139 Lord Byron (L.), niedrig, reinweiss.	147 Talisman (B.), rosalilla.
140 Meteor (D.), purpurcarmin mit feurigem Auge.	148 Theseus (M.), lebhaft rosa mit violettem Auge.
	149 Victor Hugo (L.), feurig lachsroth mit purpur Centrum.

Vorstehende Sorten einzeln à 1,50 M.
12 " " unserer Wahl 12 "



0 1 2 3 4 5 6 7 8 9 10
cm

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Auswahl der besten älteren Sorten.

No.
1 Admiration.
2 Anaïs Aubert.
3 Antoine Müller.
6 Beethoven.
7 Béranger.
8 Boule de neige.
10 Comtesse de Bresson.
120 » de Fernandona. (Lierv.).
11 Corinne.
12 Dr. George Lawson.
13 Dr. Lacroix.
14 Duguesclin.
15 Ed. Buesing.
99 Egérie.
16 Flore.
115 Fortunio (Lem.).
18 Franklin.
19 Frau Lüttig.
20 Garibaldi.
22 Hebe.

No.
24 Hofgärtner Fintelmann.
25 » Vetter.
26 La candeur (Lierv.).
60 l'Eblouissant.
28 Louis Lierval.
30 Mad. Aubin.
33 » de Lacroix.
36 » de Wendel.
119 » Guilloteaux (Lierv.).
118 » Marie Saison (Lierv.).
122 » Moisset (Lierv.).
35 » Pigny.
123 » Verlot (Lierv.).
37 Marie Lacroix.
38 » Lepaigne.
106 Météor.
124 Mons. Conrad (Lierv.).
107 » Damaizin (Denis).
125 » de la Vansaye (Lierv.).
126 » Duchartre (Lierv.).
39 » F. Ferrand.

No.
40 Mons. Forget.
128 » Guldenschuh (Lierv.).
41 » Kamm.
42 » Leboucher.
130 » Rafarin (Lierv.).
43 Nec plus ultra (Lierv.).
44 Parkinspector Petzold.
46 Princesse Alice.
48 Prince Troubetzkoy.
49 Prof. Dr. Koch.
50 Raphael.
112 Rêve d'or.
51 Roi de Bohème.
52 » Léopold.
53 Rose Rendatier.
54 Soeur Géromine.
55 Souvenir de Fries-Morel.
131 » de M. Poidevin (Lierv.).
57 Triomphe de Twickel.
114 Vierge Marie.

Jede der vorstehenden Sorten einzeln à Stück 60 Pf.

12 Sorten nach Wahl des Bestellers 6 M.

12 » » unserer Wahl . . . 5 »

PETUNIEN.

Abgebar von Anfang Mai ab.

M. Pf.

12 beste einfache Sorten unserer Wahl	7 50
12 » gefüllte » » » 7 50	

VERBENEN.

Abgebar von Anfang Mai ab.

M.

12 vorzügliche Sorten unserer Wahl	. . . 6
12 italienische gestreifte Sorten	. . . 6
50 schöne Sorten von allen Klassen	. . . 20
12 reinweisse 4
12 scharlachrothe 4
12 rosenrothe 4
12 blaue 4
100 Stück in den 4 Hauptfarben 25

Georginen. — Dahlias.

Neuheit.

No.

770 **alba camelliaeflora** (Sieckmann), die schönste bis jetzt erzielte weisse Georgine!

Von mittelhohem Wuchs, höher als alba floribunda nana oder Perle (Mardner), aber ebenso reichblumig wie diese, die Blüthen gut aus dem Laub herausgehend und schön getragen, vereinigt diese Sorte in sich alle Vorzüge, welche die besten bekannten Georginen besitzen. Der Bau der Blume selbst aber ist bis jetzt einzig und kann etwa mit dem einiger Camelliensorten, z. B. der bekannten Prinzessin von Preussen verglichen werden, vollständig imbriquit und die Blumenblätter spiralförmig vom Centrum auslaufende Reihen bildend, die ganze Blume von schönster vollendetster Regelmässigkeit Stecklingspflanzen à 1,50, Knöllchen à Stück 3 M.

Auswahl der vorzüglichsten Sorten.

h hohe, m mittelhöhe, n niedrige.

(Alle bunten arten zuweilen aus und werden einfarbig, was in Boden- und Witterungsverhältnissen seinen Grund hat.)

No. Höhe.

6 m. Aglaë Dresch (Courcelle), lilla mit weiss, schöner Bau.

13 n. Alba floribunda nana (Dodd), zwergartig, reichblühend, grosse weisse schön gebaute Blume, extra. 1,00.

No. Höhe.

19 h. Ali-Baba (Dalin), dunkelscharlach.

737 m. Aristides (Rawlings), dunkelcarmoisin mit purpur schattirt.

703 m. Annie Neville (Keynes), weissfleischfarbig, mittelgross, rundlich gewölbt, aufrecht.



0 1 2 3 4 5 6 7 8 9 10

cm

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46

Obs. entire ovate hexagon

177

ovate lobed 1

stigmalose leaves entire
multi lobed

petiolate lim. lacin



seed ovate antish
flask 1.4 long, very
verruculose



0 1 2 3 4 5 6 7 8 9 10

cm

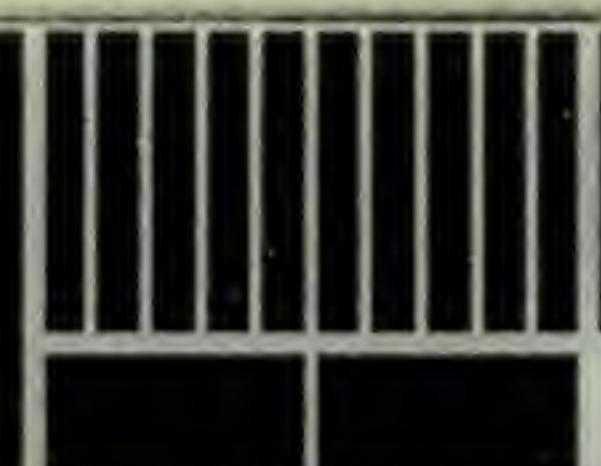
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MISSOURI
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7180

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS



0 1 2 3 4 5 6 7 8 9 10
cm

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